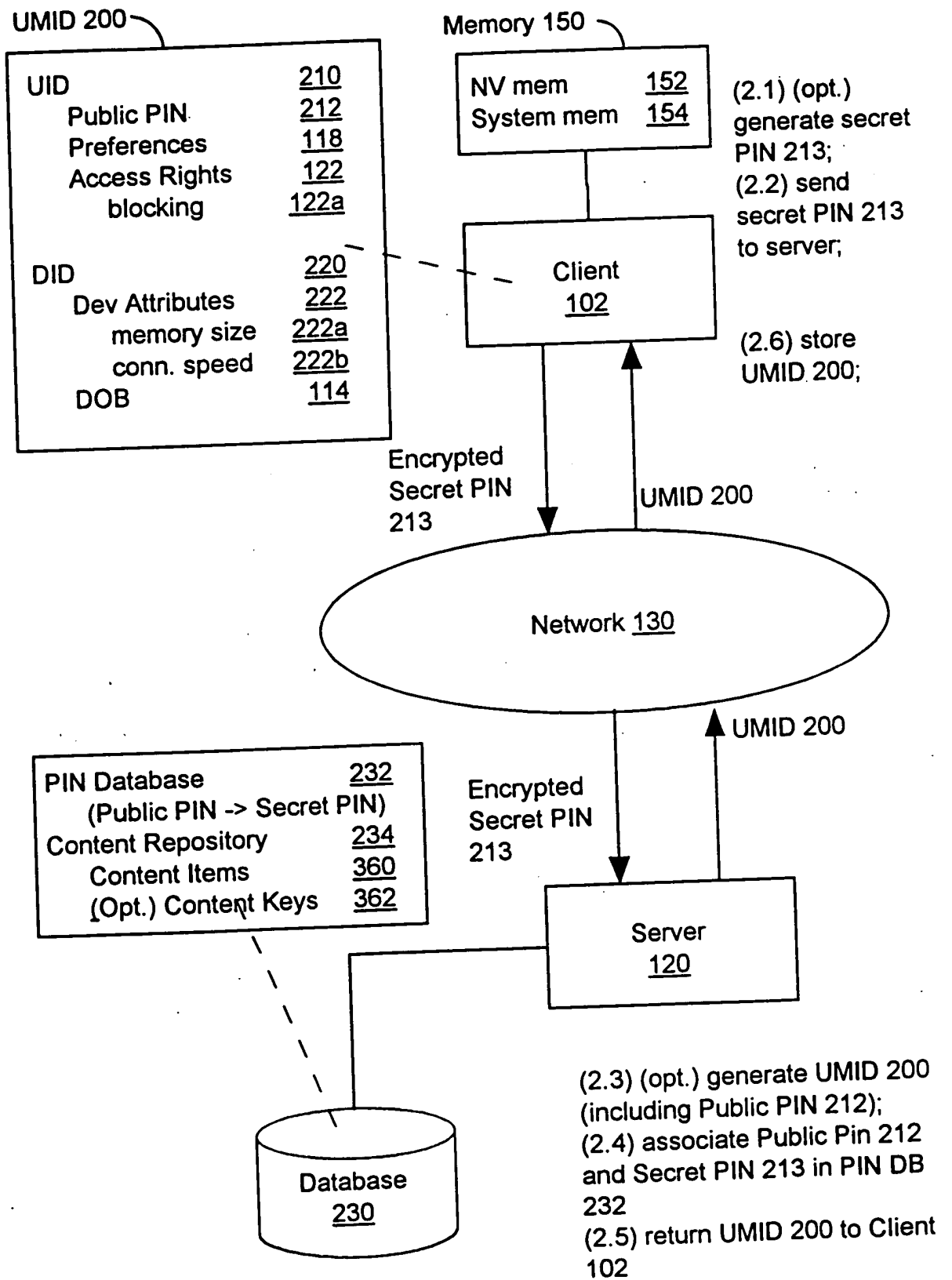


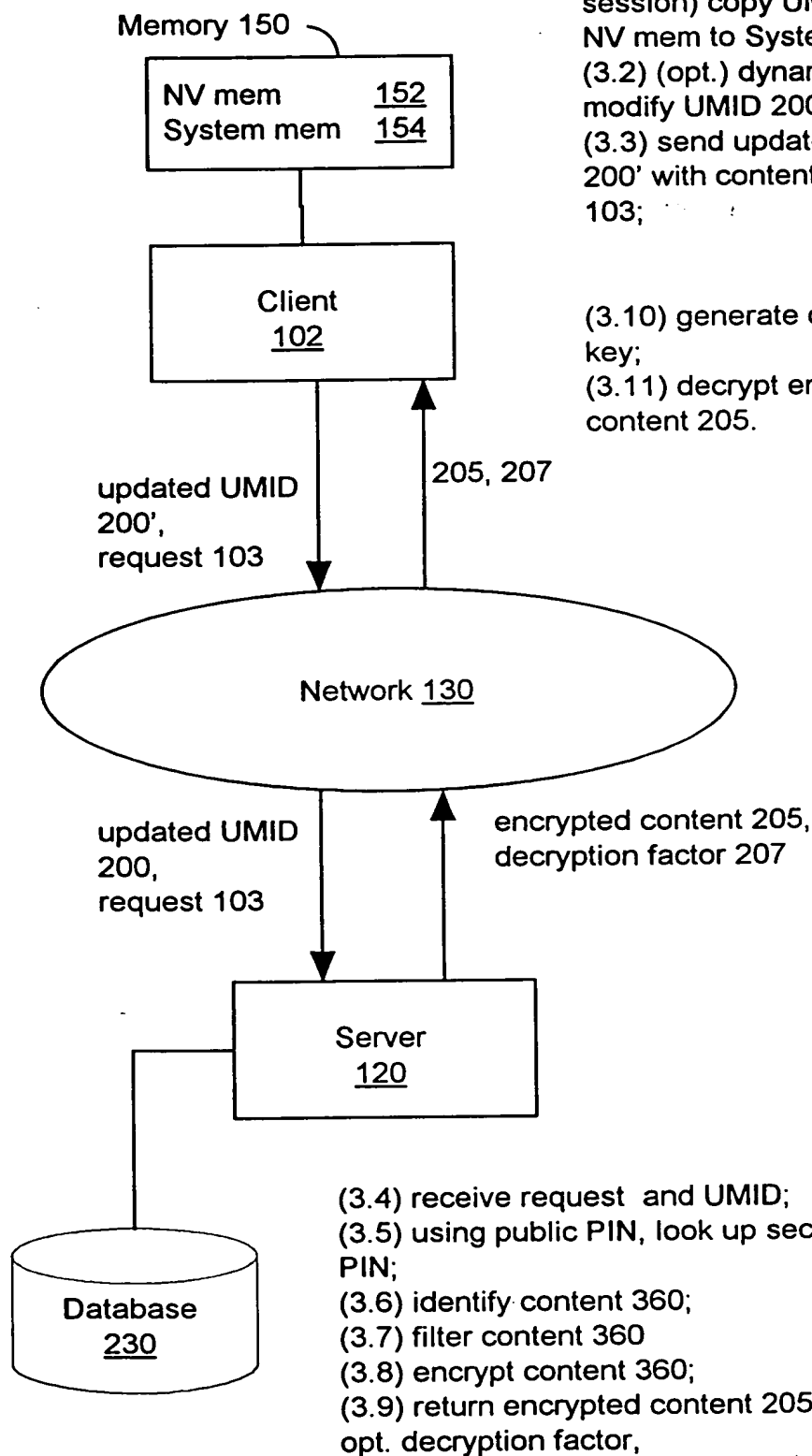
**FIG. 1**



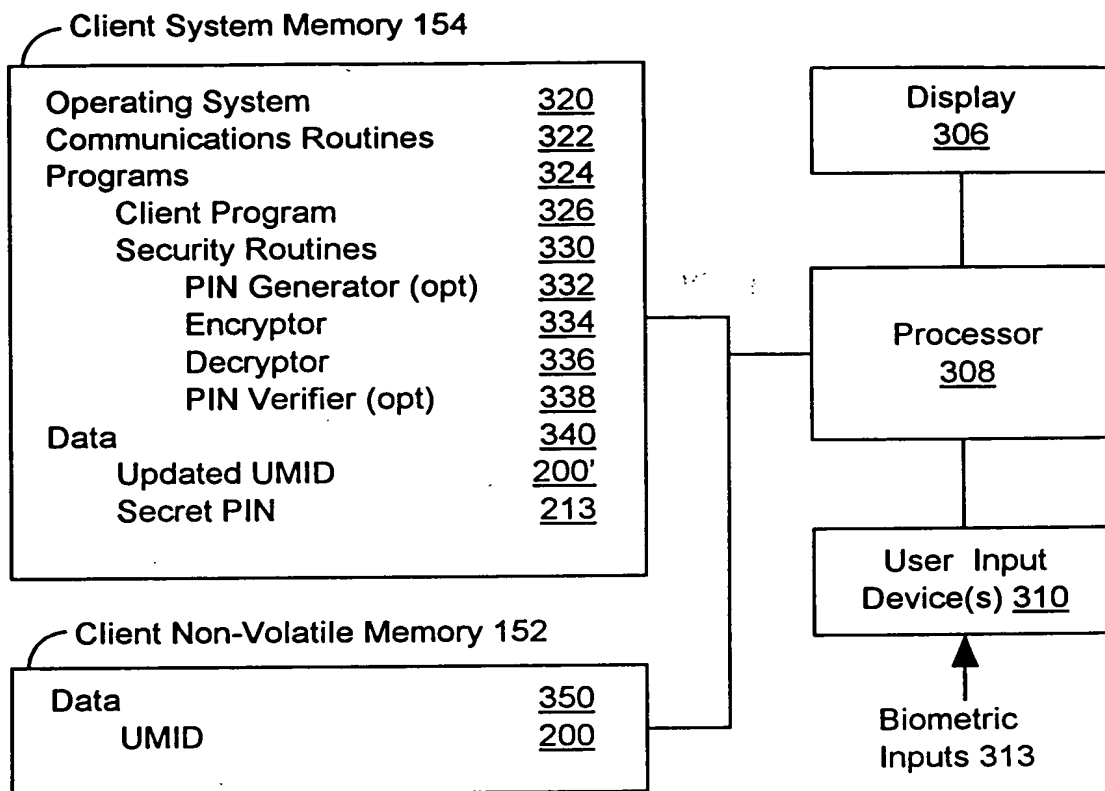
**FIG. 2**

(3.1) (opt.) (do once per session) copy UMID from NV mem to System mem;  
 (3.2) (opt.) dynamically modify UMID 200;  
 (3.3) send updated UMID 200' with content request 103;

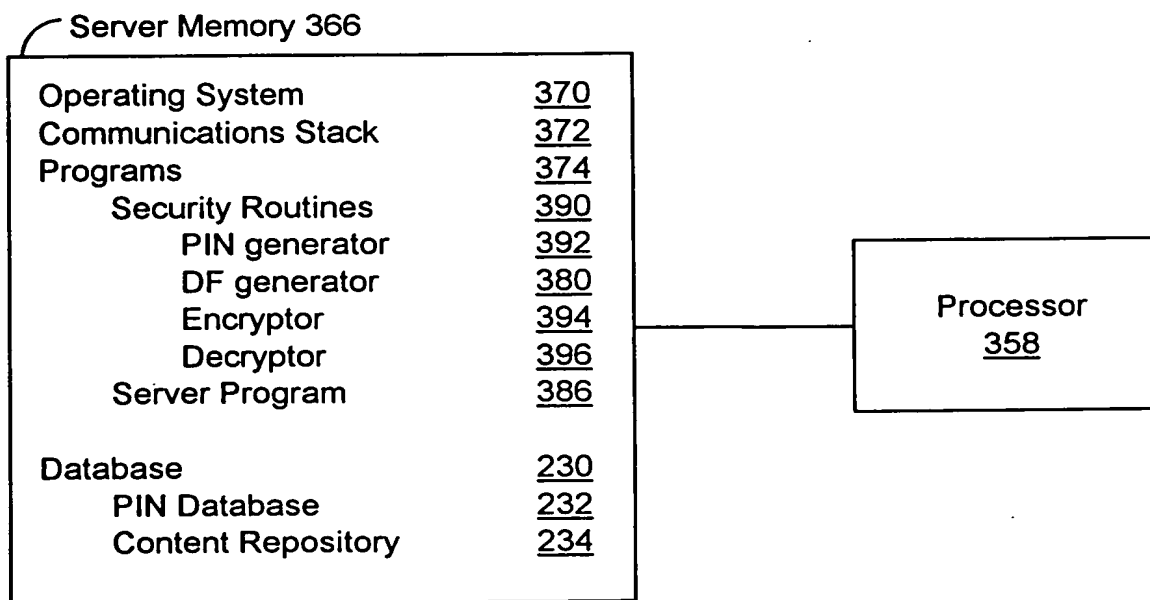
(3.10) generate decryption key;  
 (3.11) decrypt encrypted content 205.



**FIG. 3**



**FIG. 4A**



**FIG. 4B**

104220" 8E89T660

PIN Database 232

Public PINs 212	Secret PINs 213
PPi 212i	SPi 213i
PPm 212m	SPm 213m

SPi

DF Generator

DFij 207ij

$$CKj = f(SP_i, DF_{ij})$$

Content Database 234

Item 360	Content Key 362
Item-j 360j	CKj 362j
Item-n 360j	CKj 362n

FIG. 5